

***Ebola Biology Of A Virus Science For Young Scholars Volume***







### **Ebola Biology Of A Virus**

Ebola virus (/ ɪ ' b ɒ l ə /; EBOV, in the species Zaire ebolavirus) is one of six known viruses within the genus Ebolavirus. Four of the six known ebolaviruses, including EBOV, cause a severe and often fatal hemorrhagic fever in humans and other mammals, known as Ebola virus disease (EVD). Ebola virus has caused the majority of human deaths from EVD, and is the cause of the 2013–2015 ...

### **Ebola virus - Wikipedia**

Ebola virus disease (EVD), also known as Ebola hemorrhagic fever (EHF) or simply Ebola, is a viral hemorrhagic fever of humans and other primates caused by ebolaviruses. Signs and symptoms typically start between two days and three weeks after contracting the virus with a fever, sore throat, muscular pain, and headaches. Vomiting, diarrhea and rash usually follow, along with decreased function ...

### **Ebola virus disease - Wikipedia**

Ebola first appeared more than three decades ago, but there is still no cure or specific treatment for the disease, in part because the dangerous nature of the virus makes it difficult to study ...

### **Ebola Virus: Why Isn't There a Cure? - Live Science**

The Ebola mortality rate is usually between 70% and 90%, but can be as low as 50%.<sup>5</sup> As a result, Ebola is a very deadly virus and is classified at the highest biosafety level (BSL-4) because there is no known cure. While it kills such a high percentage of those that are infected, there is a small minority of people who mysteriously survive the infection.

### **Where Did Ebola Come From? | Answers in Genesis**

Introduction. The largest Ebola virus disease (EVD) outbreak to date is ongoing in West Africa, particularly in Guinea, Sierra Leone, and Liberia, with 7178 reported cases including 3338 deaths as of October 1, 2014. 1 Twenty EVD cases (19 laboratory confirmed, 1 probable) have been reported in Nigeria, with no new cases reported since early September 2014.

### **Transmission of Ebola Virus Disease: An Overview ...**

Le virus Ebola appartient au genre Ebolavirus de la famille des Filoviridae (filovirus), à laquelle appartient également le virus Marburg. Tous sont des virus à l'apparence filamenteuse caractéristique provoquant chacun une fièvre hémorragique similaire. [réf. nécessaire] Il existe 5 [8] souches différentes identifiées du virus : . Ebolavirus Zaïre

### **Virus Ebola — Wikipédia**

Hunting for Ebola among the bats of the Congo. By Kai Kupferschmidt Jun. 1, 2017 , 1:00 PM. It's a new moon, and the jungle is as dark as the deep sea. Four men sit on plastic chairs, waiting.

### **Hunting for Ebola among the bats of the Congo | Science | AAAS**

Ebola virus disease (EVD) is a zoonosis that causes severe and often fatal haemorrhagic fever in humans 1. EVD was first identified in Africa in 1976 2 and since then is estimated to have killed ...

### **Recent loss of closed forests is associated with Ebola ...**

The recent Ebola outbreak in Africa, which caused the death of more than 11,000 persons, has highlighted the importance of performing early disease diagnosis, to proceed in a timely manner to ...

### **Paper-based RNA detection and multiplexed analysis for ...**

Comme le virus Marburg, le virus Ebola appartient à la famille des Filoviridae (filovirus), de l'ordre des Mononegavirales (mononégavirus). Il a été décrit pour la première fois en 1976 par David Finkes [20]. Les Filoviridae sont des virus à ARN de forme filamenteuse, d'où leur nom. Le génome du virus Ebola contient sept gènes qui codent neuf protéines différentes [21].

### **Maladie à virus Ebola — Wikipédia**

Researchers are struggling to understand deadly virus. Behind the unprecedented Ebola outbreak in West Africa lies a species with an incredible power to overtake its host.

### **What does Ebola actually do? | Science | AAAS**

Claiming more than 11,000 lives, the 2014 Ebola outbreak in West Africa was the largest in history. A relatively new "emerging" virus, Ebola currently has no approved treatment and, depending on virus strain and kind of healthcare available, it kills 40 to 80 percent of those infected.

### **Ebola | Gilead**

(CNN)-- A nurse's aide in Spain catches Ebola; her dog is taken away and put to death. A nurse in Texas catches Ebola; her dog is fed, taken away and put into quarantine.. The stark difference in ...

### **Can pets get or spread Ebola? - CNN.com**

Attenuated strains of HHS Select Agents and Toxins excluded from the requirements of 42 CFR part 73: COXIELLA BURNETTI. Coxiella burnetii Phase II, Nine Mile Strain, plaque purified clone 4 (effective 10-15-2003) Lipopolysaccharide (LPS) phase variation is the only confirmed virulence factor of C. burnetii.

### **Federal Select Agent Program - Select Agents and Toxins ...**

The vector is a single recombinant VSV wild type isolate in which the VSV envelope glycoprotein was replaced with the Zaire strain Ebola virus (ZEBOV) glycoprotein (GP), giving rise to rVSVΔG-ZEBOV-GP (rVSV-ZEBOV) [17, 18]. This Ebola vaccine candidate was developed by Public Health Canada (BPSC1001), licensed to NewLink Genetics and subsequently transferred to Merck (renamed as V920).

### **Immunomonitoring of human responses to the rVSV-ZEBOV ...**

Il genere Ebolavirus, secondo la definizione dell'International Committee on Taxonomy of Viruses, è un raggruppamento di organismi che fa parte della famiglia Filoviridae, a sua volta parte dell'ordine dei Mononegavirales.. Si conoscono cinque specie appartenenti a questo genere e quattro di queste sono responsabili della malattia da virus Ebola (in inglese "ebola virus disease" o "EVD") che ...

### **Ebolavirus - Wikipedia**

Virus je poimenovan po dolini reke Ebola v Demokratični republiki Kongo (prej Zaire), kjer se je prvič pojavil leta 1976. Obstaja več podtipov bolezni. Ebolavirus zaire je najnevarnejši podtip ebolavirusa s smrtnostjo do 90 procentov in dolgoletnim povprečjem 83 % smrtnih žrtev.

### **Ebola - Wikipedija, prosta enciklopedija**

A virus is a microscopic particle that can infect the cells of a biological organism. Viruses can only replicate themselves by infecting a host cell and therefore cannot reproduce on their own. At ...

### **Virus - ScienceDaily**

El virus del Ébola [1] (Ebolavirus) [2] es un virus de la familia Filoviridae que se detectó por primera vez en algunas partes de África. La enfermedad que produce es una fiebre hemorrágica viral de la misma categoría que la fiebre de Marburg, la fiebre de Lassa y la fiebre del dengue. Es el patógeno causante de la enfermedad del Ébola, una enfermedad infecciosa muy grave que afecta a ...

### **Ebolavirus - Wikipedia, la enciclopedia libre**

Drug Targets for Ebola, Dengue, and Zika Viruses Found in Lab Study. Insight Into How Three of the World's Most Devastating Viruses Interact With Human Cells Opens the Door for Much-Needed Treatments

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